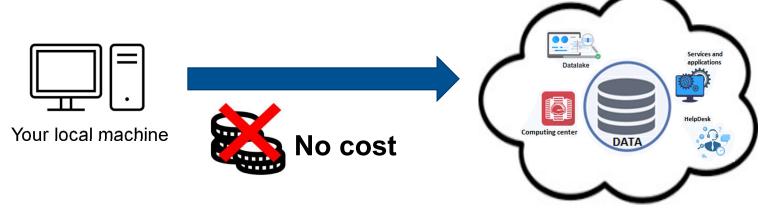
CNES Cloud Support for SWOT project hosting



What would you get?

How to apply?

- Complete this form on AVISO website*
- Free hosting of SWOT Projects on CNES HPC infrastructure in <u>Toulouse</u>
- High processing power connected to data
- Integrated SWOT data and specialized Tools
- Access to additional resources/data
- Technical support for smooth sailing (Helpdesk)
- Restricted (if necessary/required) Cloud environment



(HPC) and	-Performance Computing Cloud services
Your SWOT Science Tea infrastructure.	am Project can be hosted on the CNES HPC/Cloud
How to apply:	
consideration by the Cl	llowing form to submit your SWOT project application for NES HPC/Cloud support team. We will promptly review you in touch at the earliest opportunity.
Début : 1 / 2	
Contact information	on
Name *	
Institution/Organization	on*
Contact email *	
Country *	

CNES AVISO Helpdesk

aviso-swot@altimetry.fr

*https://www.aviso.altimetry.fr/en/missions/current-missions/swot/utilizing-cnes-hpc-infrastructure-for-swot-project-hosting.html

SWOT project hosting – Features overview





Environment

Research-orientated python librairies SWOT-dedicated toolbox Processing power Simplified parallel computing Remote Desktop...



Data

SWOT ocean data (L2/L3) Easy acess to other data sets Catalog requests & download tools...



Documentation

Dedicated use case examples
Documentation
Tutorials



User Support

SWOT data training Cluster working methods Code optimization FAQ & Helpdesk...

How to acess?





Interactive access through web browser https://jupyterhub.cnes.fr



Server Options

Select the environment:

You can select a Virtual Research Environment (VRE) for starting your Jupyterlab instance. It usually provides domain or project software and libraries packaged together and ready to use. Be aware that you can only run VRE if you belong to the associated user group, you will get an error if not. If you've never heard of VREs, just use the default environment.

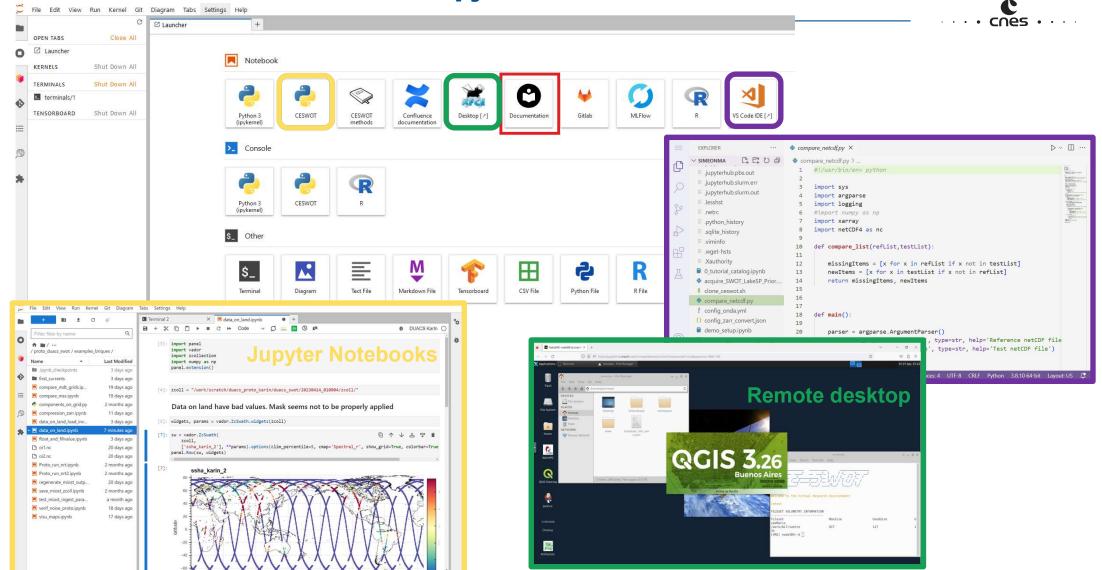
For help please contact HPC support



CNES HPC hardware resources

Start

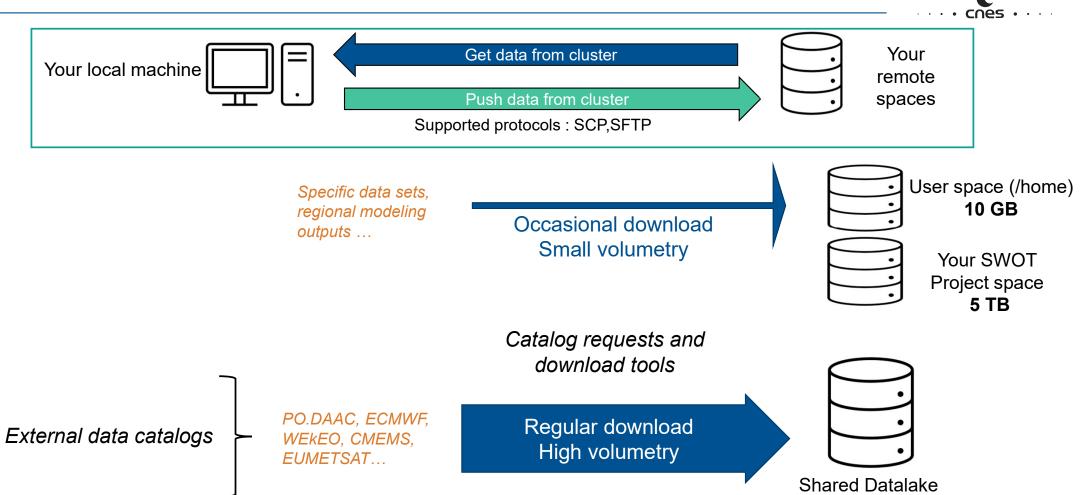
CNES JupyterLab Interface



@ cnes

Simple 1 1 1 0 master DUACS Karln | Idle

External data retrieval – Data access from other catalogs



SWOT HelpDesk - We are here to help



CNES Cloud support

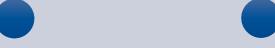
- SWOT ST projects
- Application form

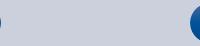
Getting started

- Cluster working methods
- HPC training
- SWOT data training
- Documentation, examples and tutorials

Work on your project

- HPC support
- · Code optimization
- FAQ & Helpdesk







SWOT Project set up

- · Creating the Project Workspace
- Account creation
- ACL (Access Control List) management
- Code installation / coding environment installation
- Upskilling tools